

Session Program

May 18 - 23, 2026

Microfluidic Horizons 2026

Tuesday 19/05, 9 - 13; Room 35

Tue, May 19

9:00 AM

Tuesday 19/05, 9 - 13; Room 35

Session

10:00 - 10:20 AM

Bacterial motility effects on leaf surface exploration

Speaker

Edoardo Maria Mollica

10:20 - 10:40 AM

Reduction of bacterial colonization on buckling-induced wrinkled surfaces under fluid shear

10:40 - 11:00 AM

Influence of Surface Chemistry and Substrate Material on Bacterial Attachment and Biomineralization in Microfluidic Flow Cells

11:40 AM - 12:00 PM

Microfluidic gradient generator integrated with organic transistors for rapid dose curve measurements.

Speaker

Pierpaolo Greco

12:00 - 12:20 PM

Towards Engineering High-redox-potential Enzyme Variants using a Confocal Absorbance-activated Droplet Sorting (cAADS)

Speaker

Dr Abdi Mirgissa Kaba

12:20 - 12:40 PM

Population-Resolved Analysis of Lipid Nanoparticle Sterile Filtration Enabled by Microfluidic Flow Control

Speaker

Mr Johann Savinsky

12:40 - 1:00 PM

Light-Sheet Imaging Flow Cytometry for cells and single-particle scanning

Speaker

Edoardo Massarelli

1:00 PM